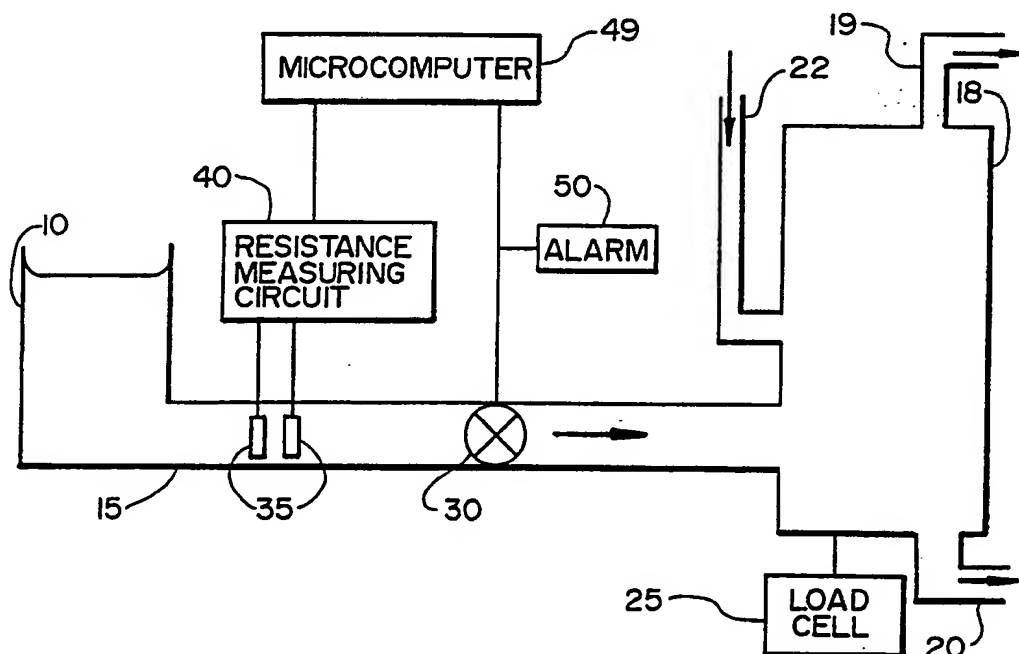


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(54) Title: SENSOR FOR PERACETIC ACID-HYDROGEN PEROXIDE SOLUTION



(57) Abstract

Concentrations of stock hydrogen peroxide-peracetic acid solutions can be monitored resistively. The resistivity cell electrodes (35) have titanium surfaces which resist corrosion better than other electrode materials including platinum electrodes. Such resistivity monitoring is particularly useful to verify the concentrations of sterilant stock solutions used in machinery for cleaning and sterilizing medical and dental equipment such as dialyzer reuse machines. Over the temperature range of interest the resistivity measurement is substantially not affected by changes of temperature in room temperature range.